

## HIKVISION®



Thermal camera with 25 mm optics

DS-2TD2138-25/QY

### VIDEO (CAMERAS)

|                     |                                                        |
|---------------------|--------------------------------------------------------|
| Video Resolution    | 1 Megapixel                                            |
| 3D-NR               | Yes                                                    |
| AGC                 | Yes                                                    |
| Images per second   | 25fps                                                  |
| Video output        | RJ45                                                   |
| Digital Zoom        | 8                                                      |
| Compression         | H.265 / H.264                                          |
| Main thermal stream | 1280 x 720 / 704 x 576 / 640 x 512 / 352 x 288 (25fps) |
| Sub thermal stream  | 704 x 576 / 640 x 512 / 352 x 288 (25fps)              |

### NETWORK FEATURES

|                         |                             |
|-------------------------|-----------------------------|
| IP connection           | 1 RJ45 (10M / 100M)         |
| ONVIF                   | Yes, type S y G             |
| Maximum number of users | Up to 32 users              |
| Web browser             | Explorer / Chrome / Firefox |
| Management software     | iVMS-4200 / Hik-Connect     |
| Mobile devices          | Android / IOS (Apple)       |
| Live view               | Up to 20 channels           |
| IP address filter       | Yes                         |

### THERMAL CAMERA

|                     |                                            |
|---------------------|--------------------------------------------|
| Sensor              | Vanadium Oxide Uncooled Focal Plane Arrays |
| Sensor resolution   | 384 x 288                                  |
| Pixel size          | 12 um                                      |
| Thermal sensitivity | 35 mK                                      |
| Range of spectra    | 8 um ~ 14 um                               |

### INPUTS/OUTPUTS (CAMERAS)

|       |                                                |
|-------|------------------------------------------------|
| Alarm | 2 Inputs / 2 Outputs                           |
| Vídeo | 1 x 1.0Vp-p / 75Ω, PAL / NTSC (HDCVI Optional) |
| Audio | 1 Input / 1 Output                             |
| RS485 | 1 Input                                        |

### POWER CONSUMPTION

|                 |             |
|-----------------|-------------|
| Power mode      | DC / AC     |
| Voltage         | 12V / 24V   |
| Consumption (w) | 5W          |
| Amperage        | 600mA       |
| PoE power       | Yes         |
| Type PoE        | PoE 802.3af |

### AMBIENT

|                       |                |
|-----------------------|----------------|
| Operating temperature | -40 °C ~ 65 °C |
| Degree of protection  | IP67           |
| Anti vandal           | IK10           |
| Use                   | Indoor-outdoor |
| Maximum humidity      | 90%            |
| Lightning protection  | 6KV            |

### VIDEO ANALYSIS

|                          |                                                                    |
|--------------------------|--------------------------------------------------------------------|
| Detection type           | Analytical with human/vehicle classification in line/area crossing |
| Crossing line            | Yes                                                                |
| Intrusion                | Yes                                                                |
| Detection and fire alarm | Si                                                                 |

### THERMAL LENS

|                           |       |
|---------------------------|-------|
| Type of lens              | Fixed |
| Focal distance            | 25 mm |
| Angle                     | 11°   |
| Maximum diaphragm opening | F/1.0 |

### MATERIAL AND DIMENSIONS

|            |                          |
|------------|--------------------------|
| Dimensions | 351.3 x 113.5 x 115.2 mm |
| Material   | Metal                    |
| Net weight | 1770 g                   |

### HUMAN EFFECTIVE DISTANCE

|           |        |
|-----------|--------|
| Detect    | 1042 m |
| Recognize | 260 m  |
| Identify  | 130 m  |

# technical datasheet

## GENERAL INFORMATION

|                |                |
|----------------|----------------|
| Serie          | <b>PRO</b>     |
| Technology     | <b>IP</b>      |
| Type of camera | <b>Thermal</b> |

## STORAGE

|                                 |                             |
|---------------------------------|-----------------------------|
| MicroSD-Card                    | <b>Up to 256Gb</b>          |
| Storage Systems                 | <b>NAS / FTP / Micro SD</b> |
| ANR (Redundant Recording in SD) | <b>Yes</b>                  |

## EFFECTIVE DISTANCE VEHICLES

|           |               |
|-----------|---------------|
| Detectar  | <b>3194 m</b> |
| Recognize | <b>799 m</b>  |
| Identify  | <b>399 m</b>  |

## NIGHT VISION

|                      |           |
|----------------------|-----------|
| Type of night vision | <b>IR</b> |
|----------------------|-----------|

## AUDIO(CAMERAS)

|                   |                                                        |
|-------------------|--------------------------------------------------------|
| Audio compression | <b>G.711A / G.711U / G.722.1 / G.726 / MP2L2 / PCM</b> |
|-------------------|--------------------------------------------------------|

## TEMPERATURE MEASUREMENT

|                      |                        |
|----------------------|------------------------|
| Temperature range    | <b>-20 °C ~ 150 °C</b> |
| Temperature Accuracy | <b>± 8 °C</b>          |

## AXES

|        |               |
|--------|---------------|
| Motion | <b>3-Axis</b> |
|--------|---------------|